

PORTAL DRILLING STATE C-#9, Cochise Co.
SW/Ne Sec 9-T16S-R31E 2-18

P-W

County Cochise

Area _____

Lease No. _____

Well

Name Portol Drilling Co. State C #9

Location SW NE Sec 9 Twp 16S Range 31E Footage 1650 FNL: 1650 FEL

Elev _____ Gr _____ KB _____ Date 5-16-50 Spud _____ Completed _____ Total _____
Abandon 10-15-53 Depth 5353
Approx. _____

Contractor: _____ Cost \$ _____

Casing Size Depth Cement

Drilled by Rotary _____
Cable Tool _____

16 880 _____

Production Horizon _____

12 3/4 1600 _____

Initial Production D&A

8 5/8 3104 _____

REMARKS Changed from cable tools to rotary rig @ 3312'

Sabins: Gallurium 0-2000'

Tertiary 8100'-5353'

* Converted to water well

Elec. _____
Logs _____
Applic _____ Plugging _____ Completion _____
to Plug _____ Record _____ Report _____

Sample Log _____
Sample Descrip. X
Sample Set _____
Cores _____

Water well - accepted by _____

Bond Co.
& No. _____

Bond Am't \$ _____ Cancelled _____ Date _____ Organization Report _____

Filing Receipt _____ Dated _____ Well Book _____ Plat Book _____

Loc. Plat _____ Dedication _____

API # 02-003-05030

PERMIT NUMBER none Date Issued _____

#2-18

ARIZONA STATE LAND DEPARTMENT

Sundry Notices and Reports on Wells

Lease or
Permit No. **OP-46361-N**

Notice of intention to drill 4/15/50
 Notice of intention to change plans
 Notice of date for test of water shut-off
 Report on result of test of water shut-off
 Notice of intention to re-drill or repair well
 Notice of intention to shoot
 Subsequent record of shooting
 Record of perforating casing
 Notice of intention to pull or otherwise alter casing
 Notice of intention to abandon well
 Subsequent report of abandonment
 Supplementary well history

(Indicate above by check mark nature of report, notice or other data)

April 15, 19 50

Following is a (Notice of intention to do work) on land under (permit) described as follows:
 (Report of work done) (lease)

Well No. 9 16 South 31 East
 Section Township Range
 To be known as (State CG No. 19)

The well is located 1650 feet (S) of North line and 1650 feet
 (W) of East line of
 Section Nine (9)

The elevation of the derrick floor above sea level is _____ feet

DETAILS OF PLAN OF WORK

(State names of an expected depth to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other proposed work.)

Exploratory Well to depth of 7000 feet

Approved April 17, 1950

State Land Commissioner

Arizona State Land Department
 Address **Capitol Annex, Phoenix, Arizona**

San Simon Petroleum, Inc.
 Company **Portal Drilling Corp.**
 By Dr. Dr. La Plante
 Title Vice Pres. & Gen. Mgr.
 Address **1448 N. 1st Avenue**
Tucson, Arizona

NOTE:—Reports on this form to be submitted in triplicate to the Commissioner for approval.

18
 OP46 363 W-

4
08 46 36 30

ARIZONA STATE LAND DEPARTMENT

Sundry Notices and Reports on Wells

Lease or
Permit No. **OP-46363-N**

Notice of intention to drill 4/15/50
 Notice of intention to change plans
 Notice of date for test of water shut-off
 Report on result of test of water shut-off
 Notice of intention to re-drill or repair well
 Notice of intention to shoot
 Subsequent record of shooting
 Record of perforating casing
 Notice of intention to pull or otherwise alter casing
 Notice of intention to abandon well
 Subsequent report of abandonment
 Supplementary well history

(Indicate above by check mark nature of report, notice or other data)

Following is a (Notice of intention to do work) on land under (permit) April 15, 19 50
 (Report of work done) (lease)

Well No. 9 Section 16 South Township 31 East
 Range

To be known as (State CG No. 19)

The well is located 1650 feet (S) of North line and 1650 feet
 (E)
 (W) of East line of

Section Nine (9)

The elevation of the derrick floor above sea level is _____ feet

DETAILS OF PLAN OF WORK

(State names of an expected depth to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other proposed work.)

Exploratory Well to depth of 7000 feet

Approved April 17, 1950

Date

Company San Simon Petroleum, Inc.
Portal Drilling Corp.,

By Dr. J. L. Hance
Vice Pres. & Gen. Mgr.

Title

State Land Commissioner

Arizona State Land Department

Address 1448 N. 1st Avenue
Tucson, Arizona

Address Capitol Annex, Phoenix, Arizona

NOTE:—Reports on this form to be submitted in triplicate to the Commissioner for approval.

19
CP 46 363 10

PORTAL DRILLING COMPANY - STATE #1

9-16S-31E

Cochise County

Date of Permit: Date approved by W. W. Lane April 17, 1950 Permit OP-~~461~~ 46363-W
Co's name: San Simon Petroleum, Inc.,
Portal Drilling Corp.

Date of drilling commenced: First "Daily Drilling Report" May 16, 1950

Status of Drilling Operation
as of March 28, 1951 (or the
date new Cons. Act became
effective.

Heindl's report of March 13, 1951: Fishing at 3000'
" " " June 8, 1951:
"During May this outfit changed from cable to rotary
rig. Cable tool hole was taken to 3312' and on June 1st
rotary rig was cleaning out caved areas bottom of hole.
etc.

Present status of drilling
operation.

- a. Depth: Shut down at 5353' ~~in~~ Planning to run Lane Wells log and
drill deeper. (Phil's last report - April 23, 1953)
- b. How long since they have actually drilled: (See above)
- c. As of Johnson's last report - what status.

(note: letter "a" answers it.)

PORTAL DRILLING CO.

September 15, 1950: Drilling at 1520' - valley fill.

March 13, 1951: Fishing at 3000' - still valley fill.

June 8, 1951: Changed from cable to rotary rig. 3312'

September 10, 1951: Shut down at 3550'. Drilling to be resumed during month.

January 14, 1952: Total depth 3312'. Contract is for total depth - 6,000' or production.

April 4, 1952: No activity. (new backer, Mr. H. F. Voight of Tucson to take over. Drill in future. 515 E Cambridge Dr
Taken from 1961 Tel. Dir. -> CY 7-1412

July 7, 1952: Resumed drilling May 13th, reached a depth of 4115'. Expect to drill to production or basement rock.

October 14, 1952: Total depth 5240'. Temporarily shut down awaiting equipment to complete a fishing job for drill collar. When fishing job completed, they intend to core.

January 20, 1953: Cone 5273-5284' Rec. 6' sh, report. S.O.
Total depth 5353'. Temporarily shut down awaiting the arrival of Haliburton to run a drill stem test. Test was run the day after Mr. Johnson's visit.

Superior T.: DST 5070-5360' Open 40" Rec. 800' SI 0+GC M, 4520' wtr.
SIP 250#

April 23, 1953: Shut down at 5353'. Plan to run Lane Wells Log and drill deeper.

July 20, 1953: Shut down at 5353'. Electric log run by Lane Wells Co. and plans are to case hole and develop 3 favorable zones.

October 15, 1953: Shut down at 5353'. Refinancing of Company is under way for possible continuance of drilling operations.

DRILLING LOG

No. 1 TEST WELL - PORTAL DRILLING CORPORATION

Located: Section 9, Township 16 S., R. 31 E., G&SRB&M., Cochise County, Arizona

<u>From:</u>	<u>To:</u>	<u>Formation:</u>
2799	2809	Lime
2809	2816	Lime Sand
2816	2823	Lime
2823	2835	Sandy Lime (White)
2835	2841	Lime
2841	2847	Diatomaceous Clay - Mud Temperature 120°
2847	2868	Sandy lime
2868	2876	Lime Shale, (White)
2876	2893	Lime
2893	2900	White Lime Sand, hard - Mud Temperature 112°
2900	2906	Lime
2906	2912	Lime - Shale
2912	2918	Hard Lime, White - Mud Temperature 120°
2918	2923	Lime
2923	2928	Sandy Lime
2928	2938	White Lime - Hard - Mud Temperature 120°
2938	2953	Lime - Mud Temperature 120°
2953	2962	Shale & Lime (Red Shale at 2962, soft and sticky)
2962	2968	Shale - Lime
2968	2979	Lime & Shale - Mud Temperature 120°
2979	2983	Lime - Sand. Cuttings settle rapidly
2983	2996	Lime - Mud Temperature 120°
2996	3005	Lime and Shale. Hole caving badly at 2996'
		Mud pumped behind casing.
3005	3010	Sandy lime
3015	3050	Red Sandy Lime (3050, Light Shale)
3050	3059	Red Shale
3059	3070	8-5/8" Casing - Under-reaming
3070	3075	Red Sandy Shale
3075	3082	Red Shale
3082	3090	Shale - Shells
3090	3103	Sandy Shale - Slight rainbow, 3103'. Under-reaming 3103'
3103	3109	Brown Lime, Hard
3109	3141	Sandy Lime
3141	3147	Sand
3147	3152	Sandy lime - hard & sharp
3152	3157	Sand
3157	3159	Shale
3159	3170	Sand
3170	3180	Brown sand
3180	3185	Sandy lime
3185	3191	Sand
3191	3219	Red Sand

16" Casing was set at the 880' depth.

12-3/4" Casing was set at 1,600', at which time an attempt was made to cement and achieve a water shut-off, but cement job didn't take.

8-5/8" Casing was set at 2,996 feet, and subsequently carried down to 3104', where it now sits.

The bottom of the hole is now 3,225', and the hole is full of water.

#1-PORTAL CORP.-Sec. 9-T16S-R31E
COCHISE COUNTY
filed 2/10/47

DRILLING LOG

No. 1 TEST WELL - PORTAL DRILLING CORPORATION

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Loc SW/4 NE/4 of Section

1650 FNL; 1650 FEL

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3103	3109	Brown Lime, Hard
3109	3114	Sandy Lime
3114	3117	Sand
3117	3152	Sandy lime - hard & sharp
3152	3157	Sand
3157	3159	Shale
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Drilled w/ Rotary

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Drilling suspended 7-1-51.

No permit

No bond

53

CP 46 363 10

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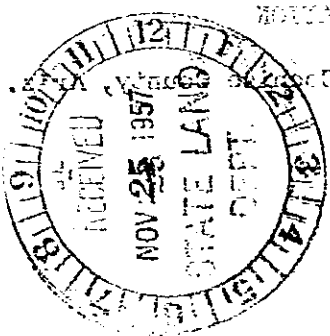
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21
6 P 4/6 36.3 10

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 12" casing was set at the 880' depth.

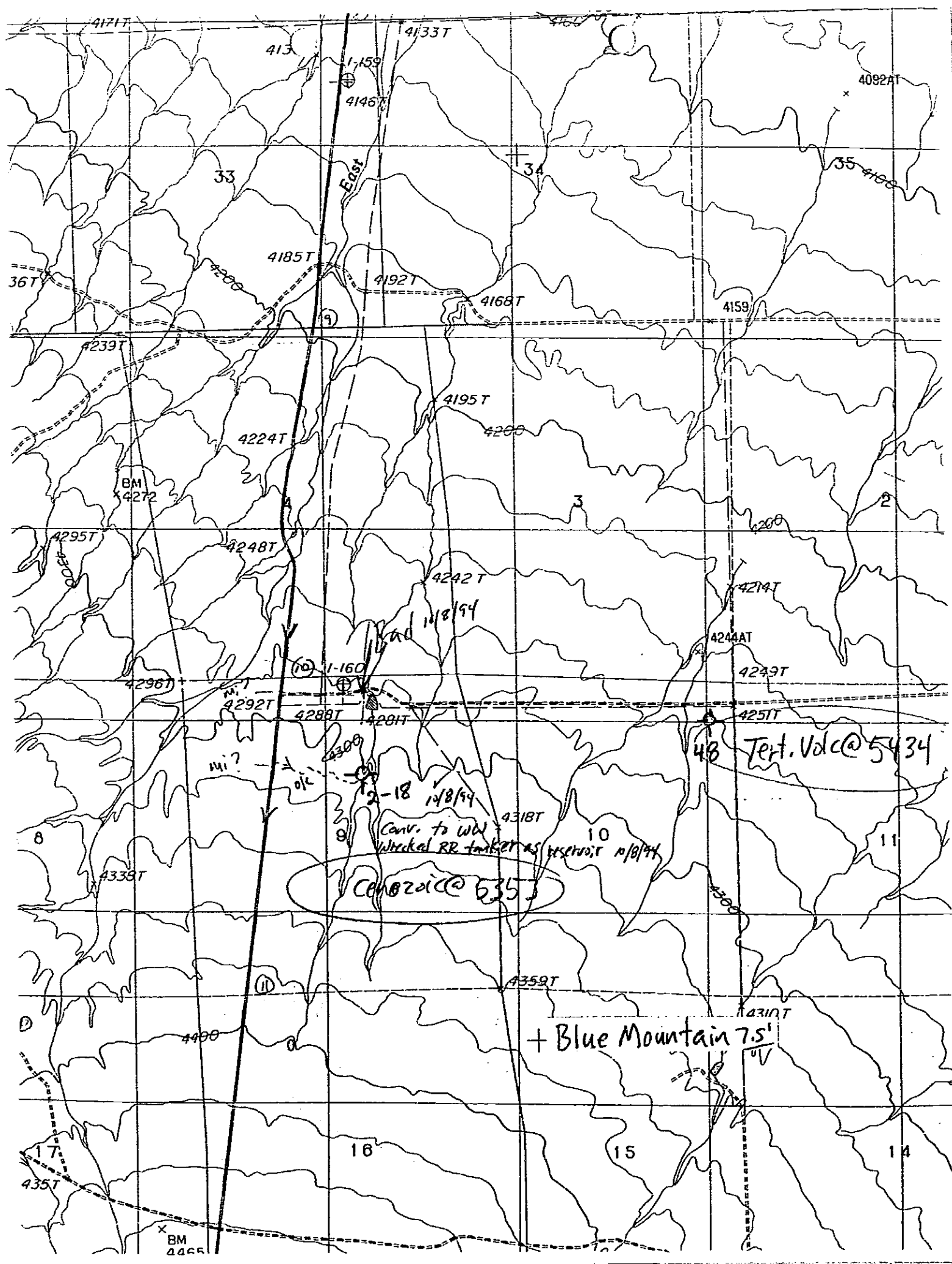
Red Sand	3219	3219
Sand	3191	3185
Sandy Lime	3185	3180
Brown Sand	3180	3170
Sand	3170	3159
Shale	3159	3157
Sand	3157	3155
Sandy Lime - Hard & Sharp	3155	3147
Sand	3147	3141
Sandy Lime	3141	3109
Brown Lime, Hard	3109	3103
Sandy Shale - Slight rainbow, 3103' Underneath 3103'	3103	3090
Shale - Shells	3090	3085
Red Shale	3085	3075
Red Sandy Shale	3075	3070
8-2 1/8" casing - Underneath	3070	3059
Red Shale	3059	3050
Red Sandy Lime (3050, light shale)	3050	3045
Sandy Lime	3045	3005
Mud pumped during casing.	3005	
Lime and Shale. Hole casing badly at 2996'.	3005	
Lime - Mud Temperature 150°	2996	2988
Lime - Sand. Cuttings settle rapidly.	2988	2983
Lime & Shale - Mud Temperature 150°	2983	2979
Shale - Lime	2979	2968
Shale & Lime (Red Shale at 2968, soft and sticky)	2968	2955
Lime - Mud Temperature 150°	2955	2938
Lime - Mud Temperature 150°	2938	2933
White Lime - Hard - Mud Temperature 150°	2933	2928
Sandy Lime	2928	2923
Lime	2923	2918
Hard Lime, White - Mud Temperature 150°	2918	2915
Lime - Shale	2915	2905
Lime	2905	2900
White Lime Sand, hard - Mud Temperature 115°	2900	2893
Lime	2893	2876
Lime Shale, (White)	2876	2868
Sandy Lime	2868	2864
Diatomaceous Clay - Mud Temperature 150°	2864	2841
Lime	2841	2835
Sandy Lime (White)	2835	2833
Lime	2833	2816
Lime Sand	2816	2809
Lime	2809	2799

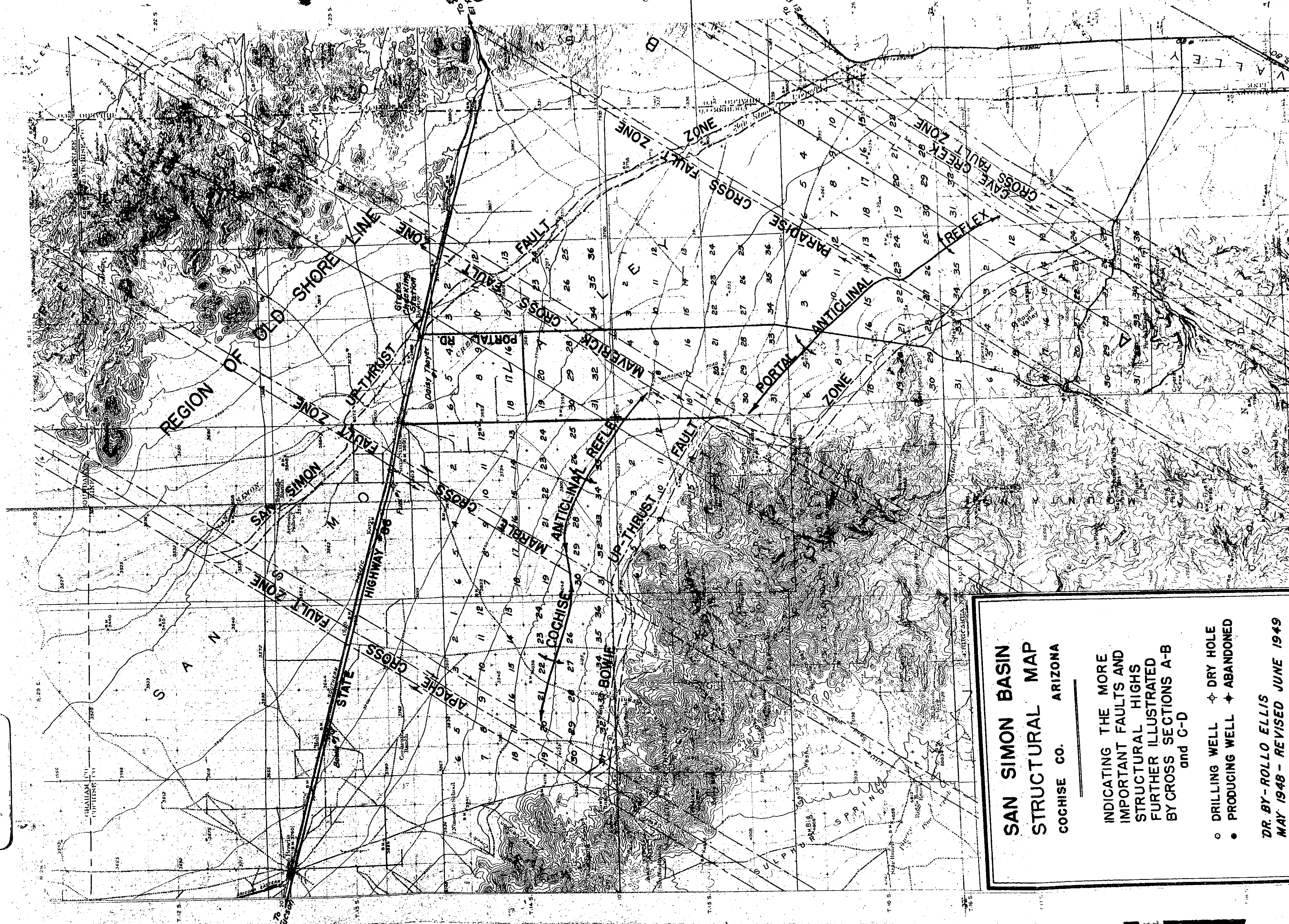


15287

No. 1 TEST WELL - BORER DRILLING CORPORATION

DEPT. OF LAND



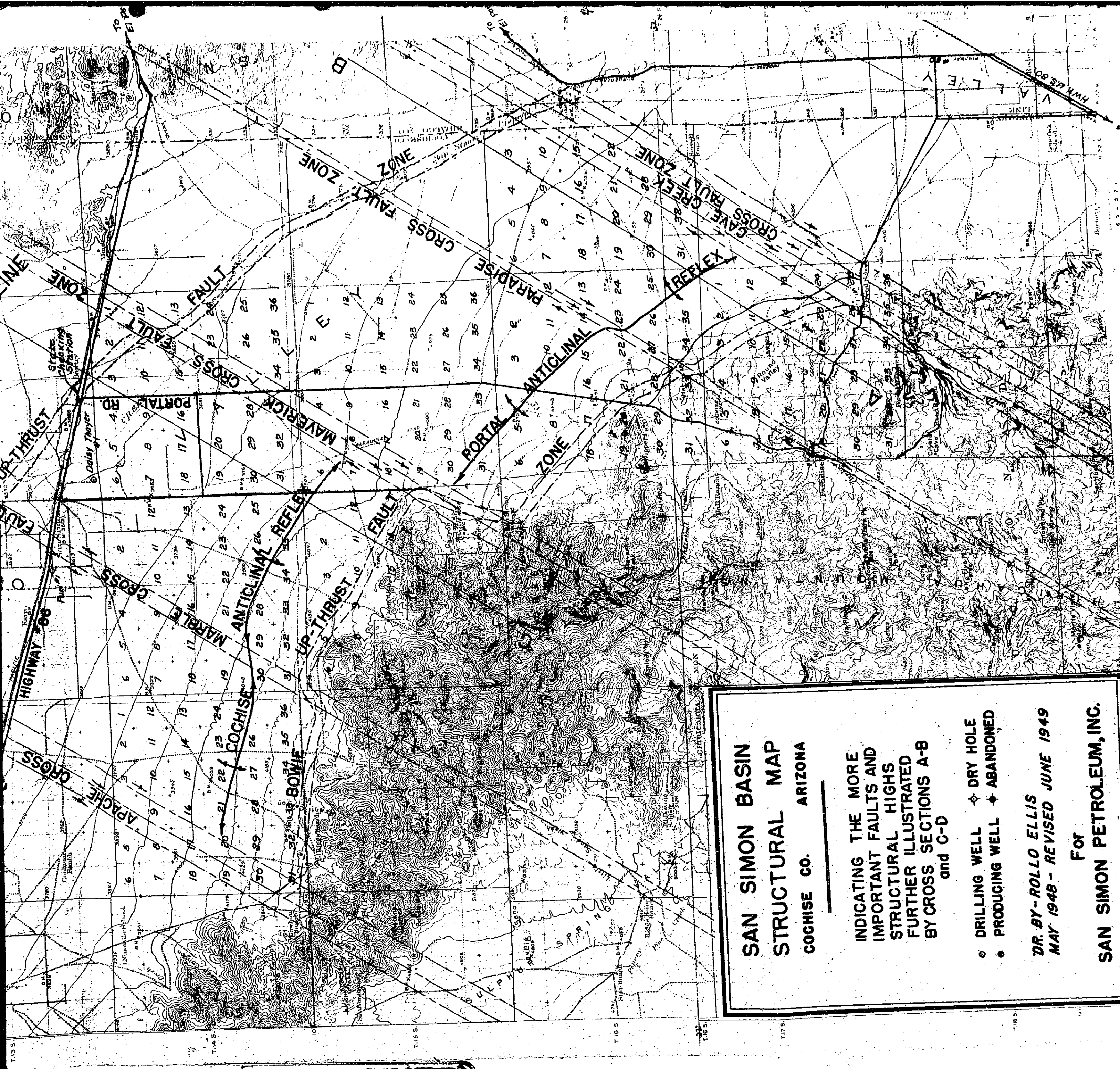


**SAN SIMON BASIN
STRUCTURAL MAP
COCHISE CO. ARIZONA**

INDICATING THE MORE
IMPORTANT FAULTS AND
STRUCTURAL HIGHS
FURTHER ILLUSTRATED
BY CROSS SECTIONS A-B
and C-D

- DRILLING WELL ♦ DRY HOLE
- PRODUCING WELL ♦ ABANDONED

DR. BY-ROLLO ELLIS
MAY 1948 - REVISED JUNE 1949



**SAN SIMON BASIN
STRUCTURAL MAP**
COCHISE CO. ARIZONA

INDICATING THE MORE
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BY CROSS SECTIONS A-B
and C-D

○ DRILLING WELL ♦ DRY HOLE
● PRODUCING WELL † ABANDONED

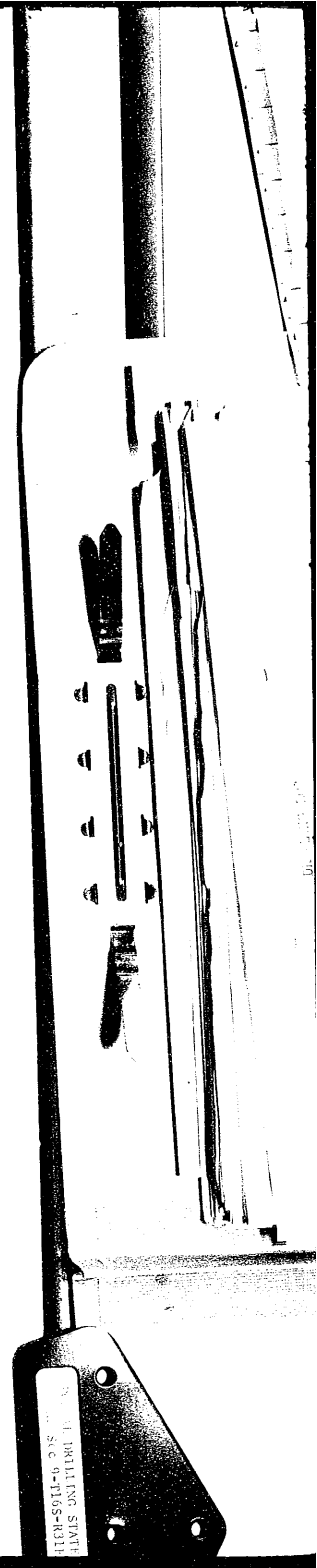
DR. BY-ROLLO ELLIS
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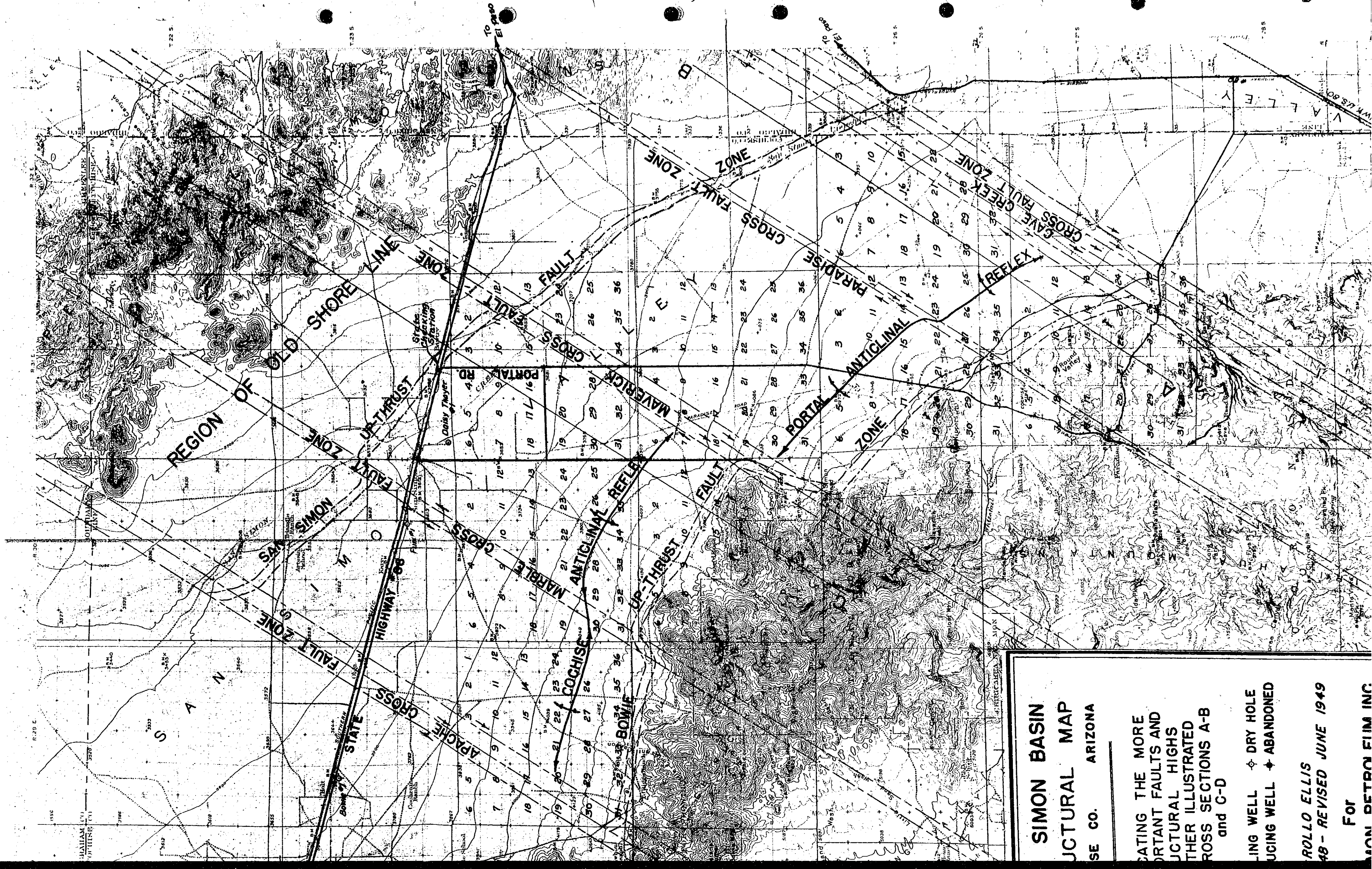
For
SAN SIMON PETROLEUM, INC.

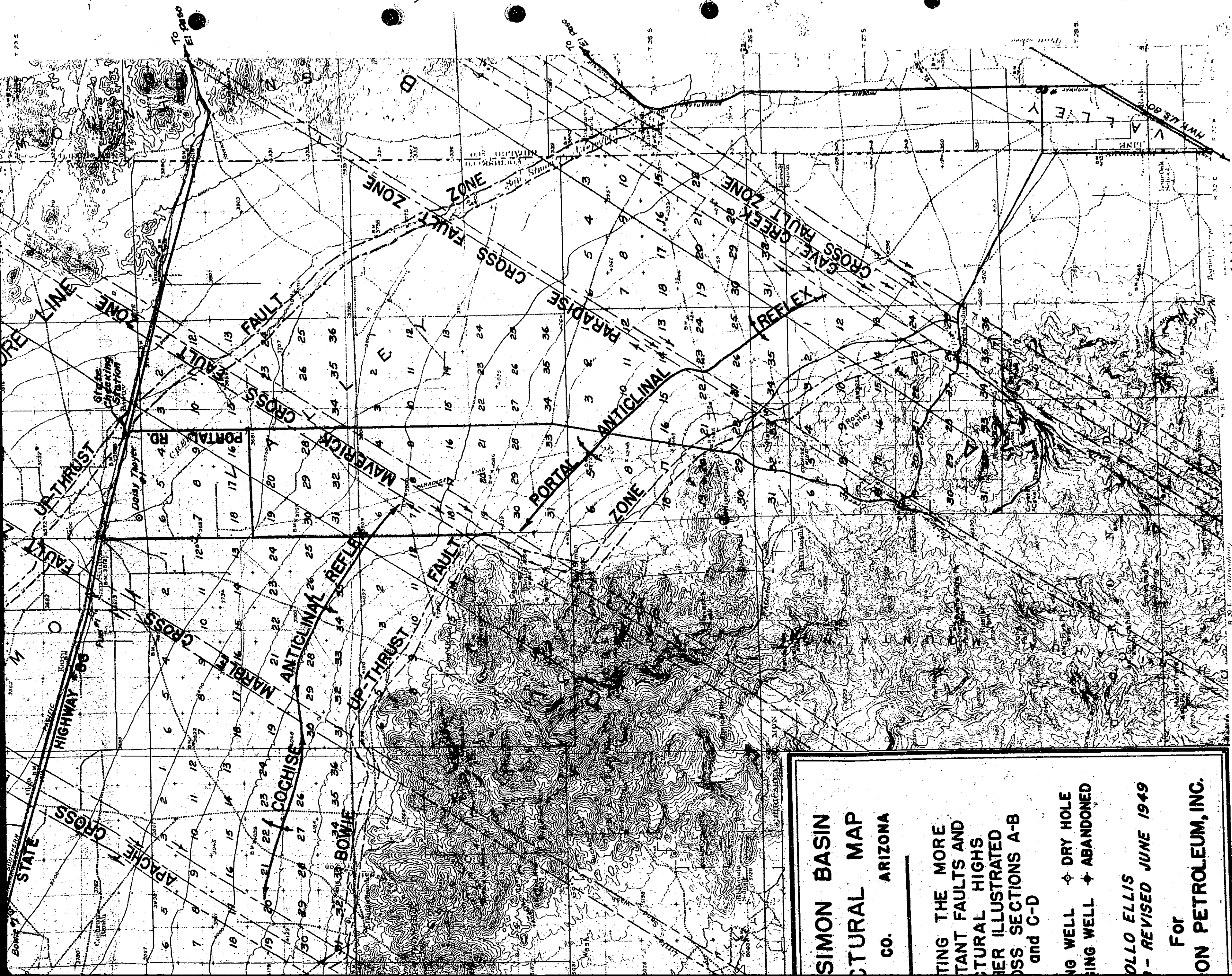
Scale: Feet

0	100	200	300	400	500	600	700	800	900	1000
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Contour interval 100 feet
Datum is mean sea level







**SIMON BASIN
STRUCTURAL MAP**
CO. ARIZONA

SHOWING THE MORE
IMPORTANT FAULTS AND
STRUCTURAL HIGHS
OTHER ILLUSTRATED
CROSS SECTIONS A-B
and C-D

OPEN WELL + DRY HOLE
ABANDONED WELL + ABANDONED

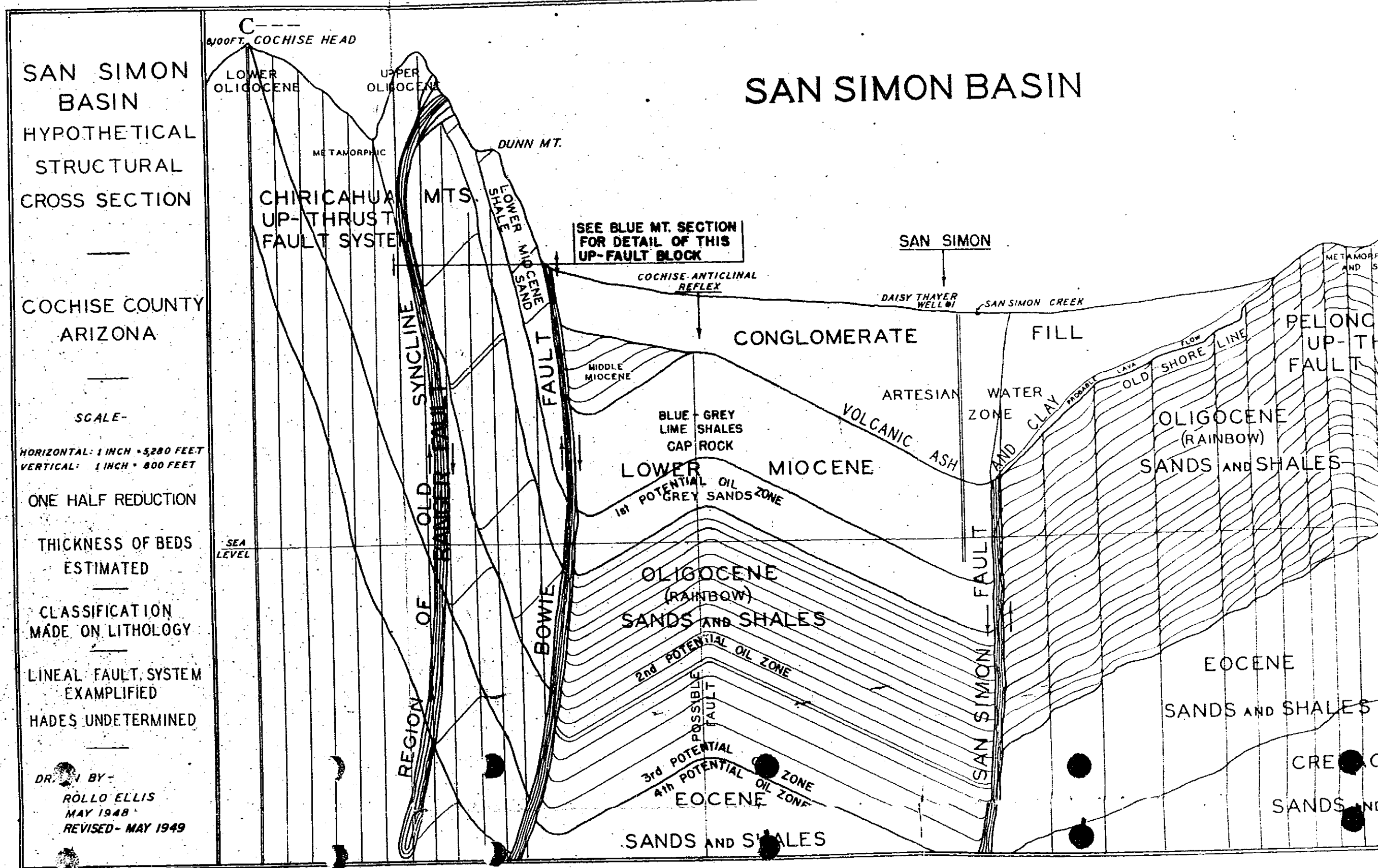
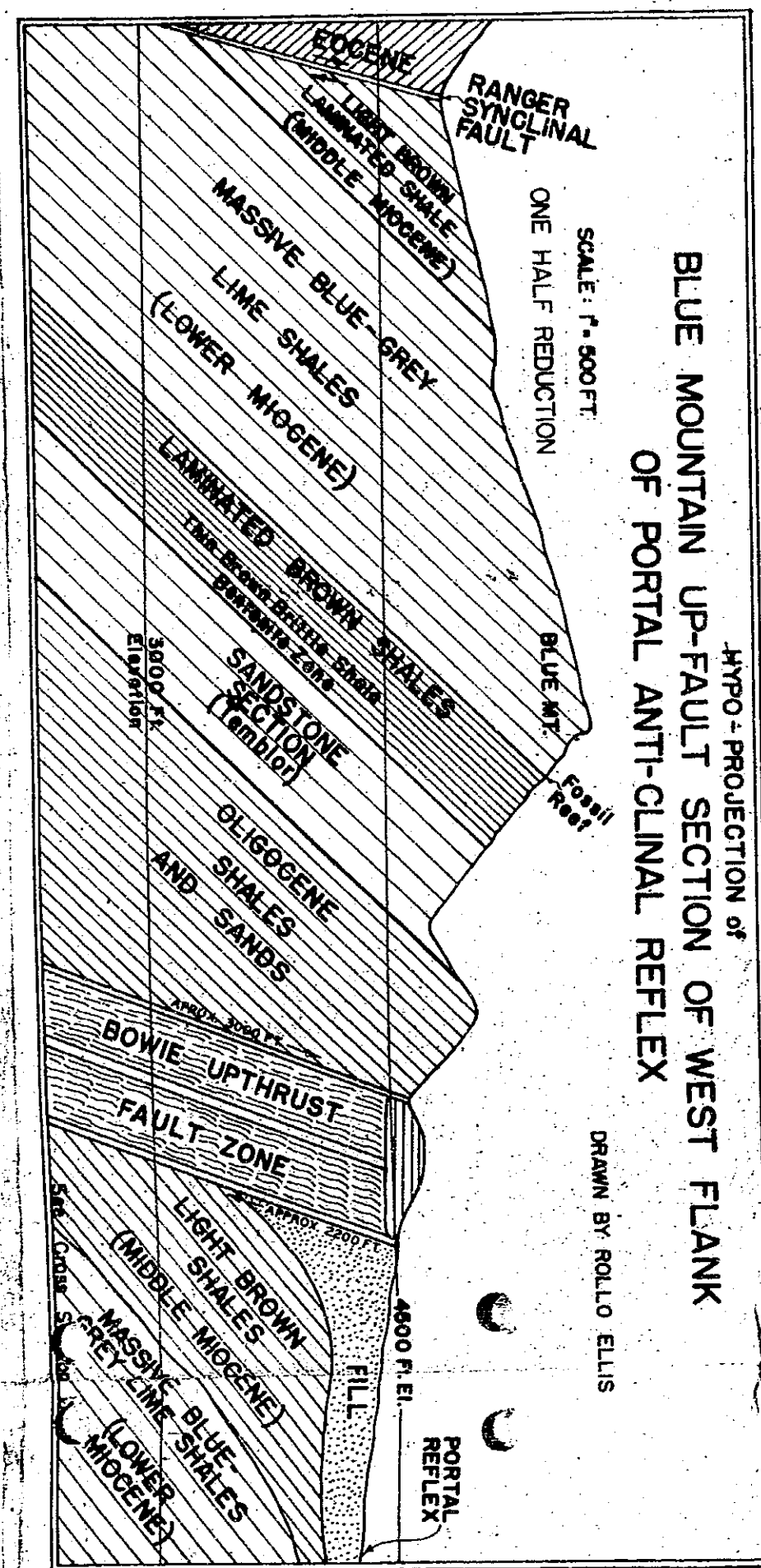
OLLO ELLIS
- REVISED JUNE 1949

For
ON PETROLEUM, INC.

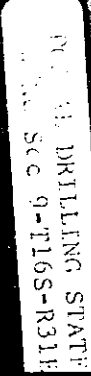
Scale: 1 inch = 1 mile
Contour interval 100 feet
Bottom as shown and level

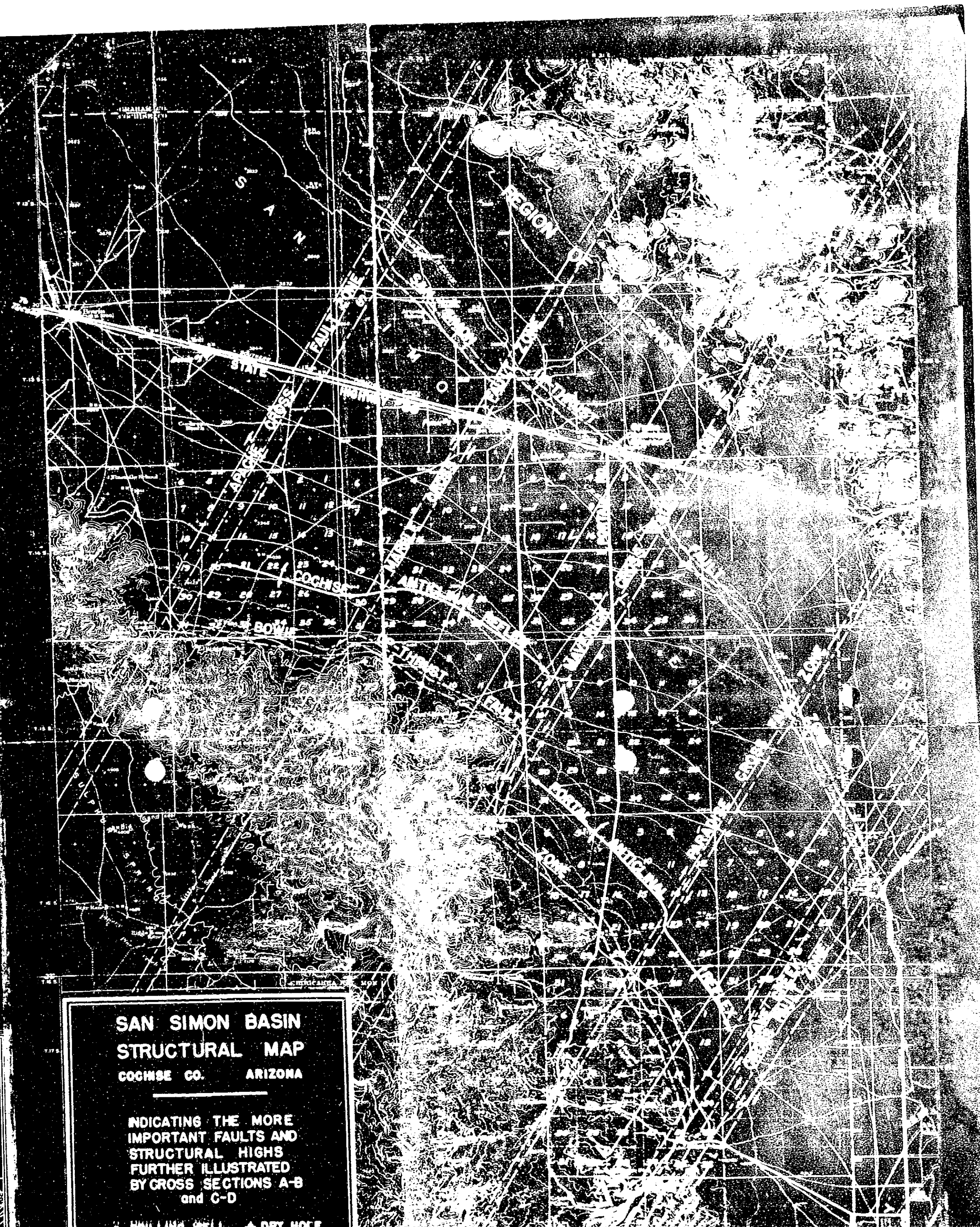
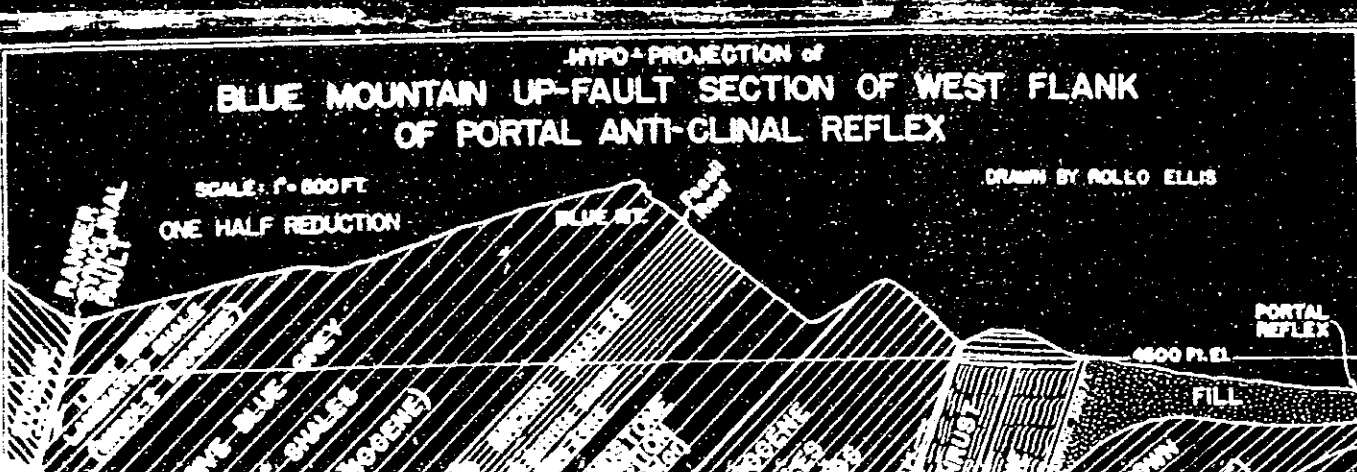
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SEC 9-PL6S-R31E

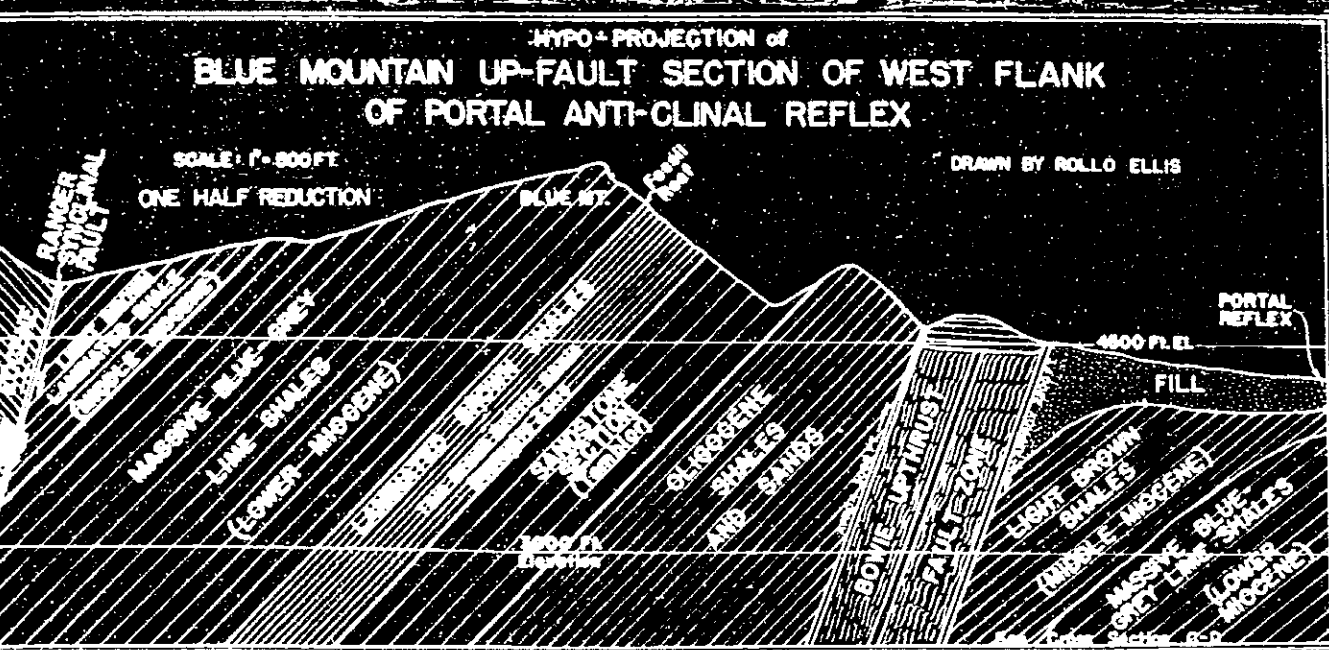
SAN SIMON PETROLEUM, INC.
1448 N. 1ST, TUCSON, ARIZONA



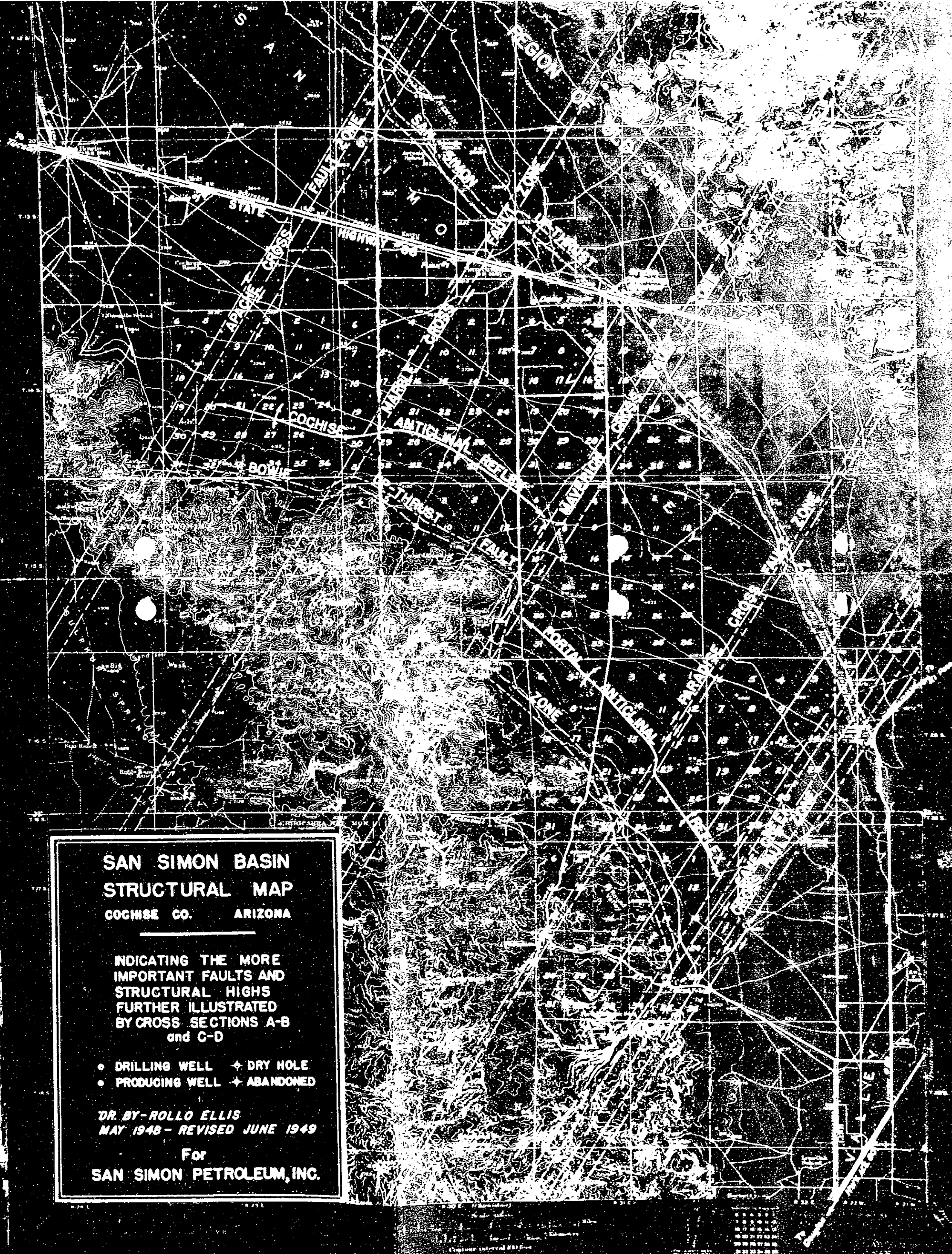
HYPOTHESIS - PROJECTION of







SAN SIMON PETROLEUM, INC.
1448 N. 1ST, TUCSON, ARIZONA



SAN SIMON BASIN STRUCTURAL MAP

COCHISE CO. ARIZONA

INDICATING THE MORE
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FURTHER ILLUSTRATED
BY CROSS SECTIONS A-B
and C-D

- DRILLING WELL ✦ DRY HOLE
• PRODUCING WELL ✦ ABANDONED

DR. BY-ROLLO ELLIS
MAY 1948 - REVISED JUNE 1949

For
SAN SIMON PETROLEUM, INC.

Dld 1950 - 2800'

OP 46 363N

DRILLING LOG

No. 1 TEST WELL - PORTAL DRILLING CORPORATION

Located: Section 9, Township 16 S., R. 31 E., G&SRB&M., Cochise County, Arizona

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3191	3219	Red Sand

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2900	2906	Lime
2906	2912	Lime - Shale
2912	2918	Hard Lime, White - Mud Temperature 120°
2918	2923	Lime
2923	2928	Sandy Lime
2928	2938	White Lime - Hard - Mud Temperature 120°
2938	2953	Lime - Mud Temperature 120°
2953	2962	Shale & Lime (Red Shale at 2962, soft and sticky)
2962	2968	Shale - Lime
2968	2979	Lime & Shale - Mud Temperature 120°
2979	2983	Lime - Sand. Cuttings settle rapidly
2983	2996	Lime - Mud Temperature 120°
2996	3005	Lime and Shale. Hole caving badly at 2996'; Mud pumped behind casing.
3005	3010	Sandy lime
3015	3050	Red Sandy Lime (3050, Light Shale)
3050	3059	Red Shale
3059	3070	8-5/8" Casing - Under-reaming
3070	3075	Red Sandy Shale
3075	3082	Red Shale
3082	3090	Shale - Shells
3090	3103	Sandy Shale - Slight rainbow, 3103'. Under-reaming 3103'
3103	3109	Brown Lime, Hard
3109	3141	Sandy Lime
3141	3147	Sand
3147	3152	Sandy lime - hard & sharp
3152	3157	Sand
3157	3159	Shale
3159	3170	Sand
3170	3180	Brown sand
3180	3185	Sandy lime
3185	3191	Sand
3191	3219	Red Sand

16" Casing was set at the 880' depth.

12-3/4" Casing was set at 1,600', at which time an attempt was made to cement and achieve a water shut-off, but cement job didn't take.

8-5/8" Casing was set at 2,996 feet, and subsequently carried down to 3104', where it now sits.

The bottom of the hole is now 3,225', and the hole is full of water.

DRILLING LOG

No. 1 TEST WELL - PORTAL DRILLING CORPORATION

Located: Section 9, Township 16 S., R. 31 E., G&SRB&M., Cochise County, Arizona

<u>From:</u>	<u>To:</u>	<u>Formation:</u>
2799	2809	Lime
2809	2816	Lime Sand
2816	2823	Lime
2823	2835	Sandy Lime (White)
2835	2841	Lime
2841	2847	Diatomaceous Clay - Mud Temperature 120°
2847	2868	Sandy lime
2868	2876	Lime Shale, (White)
2876	2893	Lime
2893	2900	White Lime Sand, hard - Mud Temperature 112°
2900	2906	Lime
2906	2912	Lime - Shale
2912	2918	Hard Lime, White - Mud Temperature 120°
2918	2923	Lime
2923	2928	Sandy Lime
2928	2938	White Lime - Hard - Mud Temperature 120°
2938	2953	Lime - Mud Temperature 120°
2953	2962	Shale & Lime (Red Shale at 2962, soft and sticky)
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3141	3147	Sand
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3152	3157	Sand
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3170	3180	Brown sand
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3191	3219	Red Sand

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8-5/8" Casing was set at 2,996 feet, and subsequently carried down to 3104', where it now sits.

The bottom of the hole is now 3,225', and the hole is full of water.



Kiser & Donaho, Inc.
"ONLY THE BEST USED CARS"

BONDED & LICENSED DEALER

PHONE EAst 7-5901 3418 E. SPEEDWAY
TUCSON, ARIZONA

*Tucson, Arizona
July 19, 1960*

*W. F. Maule
Petroleum Engineer.*

Dear Sir.

I have been trying since I received your letter to find out who had all of the company records, and the best that I am able to obtain that Alb Jacob who now resides in California has custody of them.

I have tried to find out the address of Mr. Jacob but at this time have been unable to do so, will keep trying and if I am able to obtain this information will forward it to your office.

*Very Truly Yours
Frank D. Selys.*



PAUL FANNIN
GOVERNOR

M. F. WHARTON
CHAIRMAN

CHARLES KALIL, M. D.
VICE-CHAIRMAN

ERNEST W. CHILSON
MEMBER

R. KEITH WALDEN
MEMBER

ANTHONY T. DEDDENS
MEMBER

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

3500 N. CENTRAL - SUITE 312

Phoenix, Arizona

CR 9-3397 CR 9-2731

D. A. JEROME
EXECUTIVE SECRETARY

July 12, 1960

Mr. W. W. LaMance
1419 Camilla Blvd.
Tucson, Arizona

Mr. F. D. Slyter
2045 E. Juanita
Tucson, Arizona

Mr. C. T. Vanderpool
901 Casa Grande Highway
Tucson, Arizona

Re: San Simone Petroleum Co.
Portal Drilling Co. Well State C9
#19, 1650 FNL, 1650 FEL, Sec. 9,
T. 16S, R. 31E, Cochise Co.,
Arizona

Gentlemen:

Neither this office nor the State Land Department who had original jurisdiction in the matter has heard from you since June 8, 1956, with regard to the above-named well. You are therefore directed to contact this office within ten days from the above date to describe the action to be taken to complete this well as prescribed by the rules, regulations and statutes of the Oil and Gas Conservation Commission of the State of Arizona.

This will include furnishing this office with logs, samples, and other such geological information as is set forth in the statutes, and properly plugging and abandoning the well, as set forth in the statutes.

Your failure to contact this office will result in our turning the file over to the Attorney General of the State of Arizona for such action as he deems necessary to complete the well.

For the Arizona Oil and Gas Conservation Commission

By W. F. Maule
W. F. Maule
Petroleum Engineer

WFM/ew

C.P. 46.363 R-



PAUL FANNIN
GOVERNOR

M. F. WHARTON
CHAIRMAN

CHARLES KALIL, M. D.
VICE-CHAIRMAN

ERNEST W. CHILSON
MEMBER

R. KEITH WALDEN
MEMBER

ANTHONY T. DEDDENS
MEMBER

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
3500 N. CENTRAL - SUITE 312
Phoenix, Arizona
CR 9-3397 CR 9-2731

D. A. JEROME
EXECUTIVE SECRETARY

July 1, 1960

The Honorable Wade Church
Attorney General of Arizona
State Capitol Building
Phoenix, Arizona

Dear Sir:

I am including a copy of the form letter which was sent to all operators, active or inactive, of all wells which have not been plugged and abandoned or the files closed on February 25, 1960.

This letter comprised the first contact with the operators requesting they take action to correct the deficiencies on their locations.

Sincerely yours,

W. F. Maule
W. F. Maule
Petroleum Engineer

WFM/ew
Enclosure

OP 46363 N



PAUL FANNIN
GOVERNOR

M. F. WHARTON
CHAIRMAN

CHARLES KALIL, M. D.
VICE-CHAIRMAN

ERNEST W. CHILSON
MEMBER

WILLIAM E. KIMBLE
MEMBER

R. KEITH WALDEN
MEMBER

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
3500 N. CENTRAL - SUITE 312
Phoenix, Arizona
CR. 9-3397

D. A. JEROME
EXECUTIVE SECRETARY

Gentlemen:

We are writing each active and inactive operator in the state of Arizona, to ask your cooperation in our enforcement of the "General Rules and Regulations Governing the Conservation of Oil and Gas in Arizona".

At this time we are especially concerned with the following Rules: 119, regarding well completions, logs, cores, samples etc.; 201, Notice of Intention to Abandon and Plug; 202, Plugging Methods and Procedures; 203, Exploration Holes; and 204, Fresh Water Wells. These Rules are self-explanatory, and must be enforced for the protection of all concerned.

For your information, this letter will be followed by a personal inspection of all wells in the state. At that time, the operator will be notified by letter of the Commission's findings, regarding his compliance or non-compliance with the Rules. Where necessary, a definite time limit will be established, during which time the operator must correct the conditions, mentioned with particularity.

This form letter is not to be construed as a threat, or warning, but rather a request, where applicable, for all operators to get their wells in order.

Your cooperation is necessary for the development and protection of Arizona Oil and Gas reserves and prudent oil field operations.

Yours very truly,

D. A. Jerome
D. A. Jerome,
Executive Secretary

DAJ:mmr

OP 46 363 N

July 1, 1960

**The Honorable Wade Church
Attorney General of Arizona
State Capitol Building
Phoenix, Arizona**

Dear Sir:

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Sincerely yours,

**W. F. Maule
Petroleum Engineer**

**WFM/ev
Enclosure**

C
O
P
Y

GEORGE F. SENNER, JR.
CHAIRMAN
E. T. "EDDIE" WILLIAMS, JR.
COMMISSIONER
A. P. "JACK" BUZARD
COMMISSIONER



FRANCIS J. BYRNES
SECRETARY

ARIZONA CORPORATION COMMISSION
THE CAPITOL ANNEX
PHOENIX

April 12, 1960

Oil and Gas Conservation Commission
Attn: D. A. Jerome
3500 North Central-Suite 312
Phoenix, Arizona

Gentlemen:

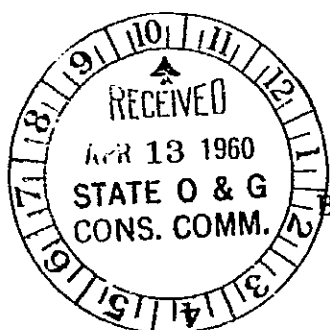
In reference to your letter of April 8, 1960, directed to Honorable Wesley Bolin, but referred to this department, the Portal Drilling Company's charter was revoked October 1959, by the Arizona Corporation Commission, for non-payment of annual reports, since the year 1953.

The Statutory Agent was Henry W. Beumler, Attorney 1530 Tenth Street, Douglas, Arizona. He is practicing in Douglas, so he may be of some help to you, in locating some of the principals of the corporation.

With kindest regards, I remain

Very truly yours,

Honore Barry
Director
Incorporating Division
Corporation Commission



CP 46 363 W

XXXXXXXXXXXX

April 8, 1960

Anthony T. Deddens
Member

Honorable Wesley Bolin,
SECRETARY OF STATE
State Capitol Building
Phoenix, Arizona

RE: Portal Drilling Company
(Old Address:
901 Casa Grande Hwy., PO #1651
Tucson, Arizona)

Dear Mr. Bolin:

I wonder if you could ascertain for us whether Portal Drilling Company is now, or was an Arizona Corporation, during the years 1950 to the present time?

We need a well properly plugged, by this company, and have been unable to find any of its officers; this firm may now be defunct and non-existent.

I thank you.

Yours very truly,

D. A. Jerome,
Executive Secretary

DAJ:mmr

OP 46 363 IV

XXXXXXXXXXXX

April 8, 1960

Anthony T. Deddens
Member

Honorable Wesley Bolin,
SECRETARY OF STATE
State Capitol Building
Phoenix, Arizona

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(Old Address:
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We need a well properly plugged, by this company, and have been unable to find any of its officers; this firm may now be defunct and non-existent.

I thank you.

Yours very truly,

D. A. Jerome,
Executive Secretary

DAJ:mar

OP 46 363 W

January 28, 1957

Mr. C. T. Vanderpool, President
Portal Drilling Company
901 Casa Grande Highway
P. O. Box 1651
Tucson, Arizona

Dear Mr. Vanderpool:

On June 8, 1956 this Department was advised that your Company contemplated doing further exploratory work with regard to the well drilled in Section 9, Township 16 South, Range 31 East.

We were further advised that we would be given samples and copies of logs on this well, and that Mr. Phillip W. Johnson of Tucson would be glad to pick them up, if you would call him at Tucson.

At this time we are wondering if there has been any more activity and the present status of this well.

This office would very much appreciate your cooperation in the matter.

Very truly yours,

STATE LAND DEPARTMENT

Louis G. Duncan,
Manager

mb

OP 4636310

August 30, 1956

Mr. Harry M. Kelly, SFC
RA28774514
221 E. Bradshaw St.,
Van Horn Park
Fort Bliss, Texas

Dear Mr. Kelly:

Your letter directed to the Bureau of Mines was forwarded to the Mineral Building and then to this Department for answer.

You have requested information as to the status of the Portal Drilling Company. A check of our files shows that this well, located in Section 9, Township 16 South, Range 31 East, Cochise County, Arizona has been shut down and no active drilling has been done in over two years.

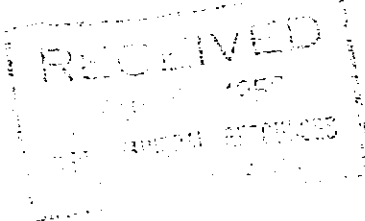
In regard to the shares you hold in this Company, this Department does not have any legal jurisdiction in this matter. However, may we suggest that you write to Mr. C. T. Vanderpool, President, Portal Drilling Company, 901 Casa Grande Highway, P. O. Box 1651, Tucson, Arizona for further details.

Very truly yours,

Donald D. Lewis,
Office Manager

DD:lsk

OP 46 363 W



StC Harry M Kelly
KA 28774514
221 B Bradshaw St.
Van Horn Park
Fort Bliss, Texas

Bureau of Mines
State Bldg
Phoenix
Arizona
Dear Sir:

I am writing in request for information as to the status of the PORTAL DRILLING CO. for which I hold shares. I have written to the Company but have never received an answer.

Could you tell me if they are in business and or if my shares are of any value.

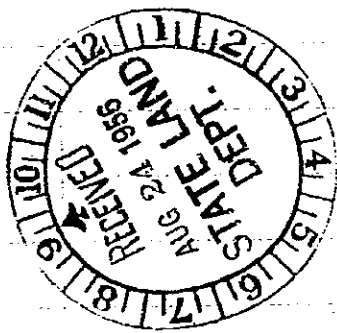
They were drilling for oil in the San Simone Valley the last I heard and have been unable to contact them.

Any information concerning this would be appreciated.

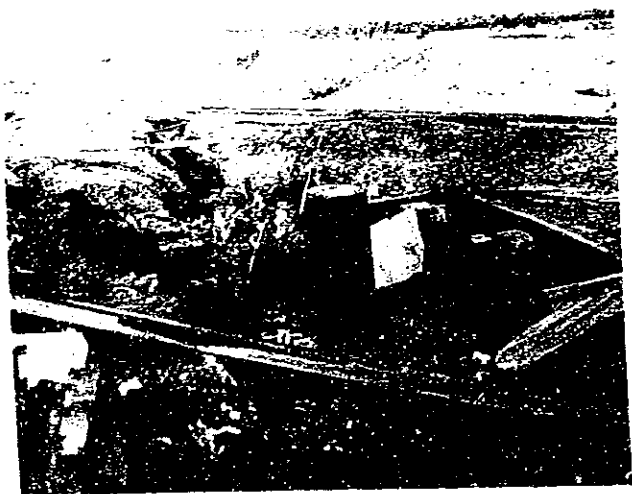
PORTAL DRILLING Co
416 E 6TH ST
TUCSON, ARIZ

CP 46 36310

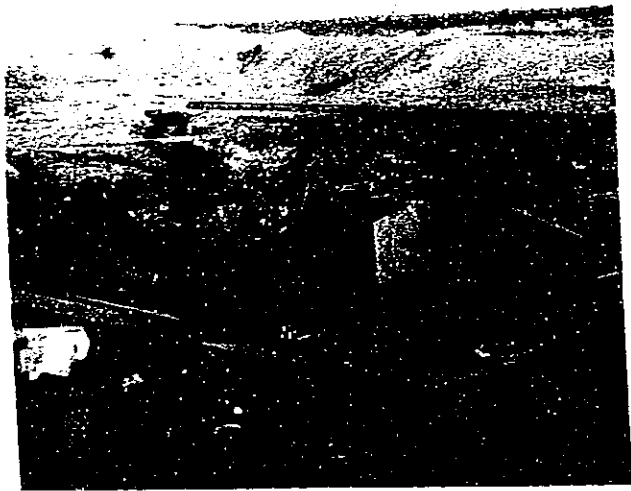
Sincerely
Harry M Kelly



10284



Portal Diking Co. State C-9 (2-18)
1956?



Portal Drilling Co. State C-9 (2-18)
1956?

OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

PHOTO - Portal Drilling Co.
Sec. 9, T. 16 S., R. 31 E.
Cochise County

Permit Filed 4/15/50
Approval 4/17/50

3510 Temp Suspended 7/1/51

Letter from Ernst

~~Letter~~ Opinion of Att Gen Dec 31/53

Phil Johnson, Rig moved 24 May 56
Logs Samples etc

Vanderpool New Rig, will set
Pipe Free 8 JUNE 56

OP 46 36310

June 18, 1956

Mr. C. T. Vanderpool, President
Portal Drilling Company
901 Casa Grande Highway
P. O. Box 1651
Tucson, Arizona

Dear Mr. Vanderpool:

Your letter of June 8th directed to Mr. Phillip W. Johnson has been forwarded to this Department for answer. Mr. Johnson has advised us that he would like to have you deliver the samples either to the State Land Department here in Phoenix, or to him at Tucson. He would also like to have the logs. Mr. Johnson also stated that if it were more convenient for you that if you would call him at Tucson, he would be glad to come out and pick them up.

We trust that satisfactory arrangements can be made regarding these samples and logs.

Very truly yours,

Louis C. Duncan,
Office Manager

LCD:mh

cc - P. W. Johnson

0046 36370

JWH.....PV
LAH.....CA
PHX.....AEC
Refer to:..

June 8, 1956

Mr. Phillip W. Johnson
P. O. Box 2270
Tucson, Arizona

Dear Mr. Johnson:

We are in receipt of your letter dated May 24th, 1956 regarding our well located in Section 9, Township 16 South, Range 31 East, Cochise County, Arizona under the name of the Portal Drilling Company.

For your information, we wish to state that we have a party interested in doing further exploratory work with regard to this well. We are contemplating putting a rig over the same hole and will set the casing. We will also hydrofrack or sandfrack. Haliburton is to cement the casing, and we will set a 4" or 6" casing in the hole, and perforate.

As to the submitting of samples and logs in conjunction with this well, we shall be glad to let you have the samples and copies of the logs, if you will let us know where you would like to have them delivered.

We trust this will meet with your approval and if we can be of further assistance, please call on us.

Very truly yours,

C. T. Vanderpool
C. T. Vanderpool,
President
PORTAL DRILLING COMPANY

*Telephone
3-2032*

*901 Casa Grande Highway
Tucson*

CTV:mb

RECEIVED

JUN 14 1956

WATER RESOURCES DIVISION
U. S. GEOLOGICAL SURVEY
GROUND WATER BRANCH

CP 46 363 W

June 8, 1956

Mr. Phillip W. Johnson
P. O. Box 2270
Tucson, Arizona

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As to the submitting of samples and logs in conjunction with this well, we shall be glad to let you have the samples and copies of the logs, if you will let us know where you would like to have them delivered.

We trust this will meet with your approval and if we can be of further assistance, please call on us.

Very truly yours,

G. T. Vanderpool,
President
PORTAL DRILLING COMPANY

C
O
P
Y

CTV:mh

Vanderpool
Tucson 22032

OP 46 36310

May 24, 1956

C
O
P
Y

Portal Drilling Company
P. O. Box 1651
Tucson, Arizona

Gentlemen:

A check of our files shows that the well drilled by your Company in Section 9, Township 16 South, Range 31 East, Cochise County, has been shut down and no active drilling has been done in over two years.

A recent field check showed that the rig has been removed and the location partially cleared. Under the Rules and Regulations Governing the Conservation of Oil and Gas in the State of Arizona, it is mandatory that you furnish the State the required forms pertaining to your drilling operation, sample cuttings, driller's log, and electric logs, also copies of any other type logs you ran.

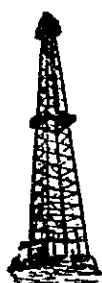
We are very anxious to complete our files on this well, and therefore, we are enclosing O&G forms 55 and 56 for you to complete and return to this office as soon as possible, along with the other required data.

Very truly yours,

Phillip W. Johnson,
Geologist

PWJ:mb
Encls.

084636311



TELEPHONE 3-0492

PORTAL DRILLING CORPORATION

~~XXXXXXXXXXXX~~
TUCSON, ARIZONA

P.O. Box 1651 ✓



FIELD OPERATIONS
SAN SIMON, ARIZONA

January 9, 1954

Mr. Roger Ernst
State Land Commissioner
State Land Department
Phoenix, Arizona

Dear Mr. Ernst:

Have received your letter dated December 31, 1953 explaining the State of Arizona Drilling Laws.

At the present, we are not in drilling operations. It will be in the near future, upon completion of company paper work, that we will commence to drill. At that time, we will notify you, with accordance to all Arizona State Laws on oil and gas drilling, and will file a bond with your office.

Thanking you for your greatful co-operation and consideration.

Yours very truly,

Abe T. Jacob

Abe T. Jacob
Secretary-Treasurer

ATJ/mj

ARIZONA STATE LAND DEPARTMENT	
Noted by	Date
Ans. by	Date



DP 46 363 N

December 31, 1953

Portal Drilling Company
P. O. Box 1651
Tucson, Arizona

Gentlemen:

We take this opportunity to bring to your attention certain information relative to your oil and gas drilling operation in Section 9, Township 16 S., Range 31 E. The information to be presented comes to us as an opinion from the Attorney General's Office of the State of Arizona. We quote from that letter hereafter.

"With regard to our conversation as to whether a person who commenced drilling an oil well prior to the effective date of the Oil and Gas Conservation Act of 1951, but was temporarily shut down at the time this Act became effective, and subsequently renewed operations, is subject to the rules and regulations adopted by the Commission pursuant to Section 11-1717, A.C.A. 1939, as amended, please be advised that it is the opinion of the Attorney General that:

(1) It is manifest that the declaration of policy as set forth in Section 11-1703(6) and (7), A.C.A. 1939, as amended, became effective in 1951 and accordingly applies to all persons drilling wells within the State of Arizona. Although it may be too late at this time to require a drilling permit as required by Section 11-1711, A.C.A. 1939, as amended, in this particular case, the objects sought to be accomplished by Section 11-1717, supra, by necessity must be complied with, if possible. I find no exceptions to Paragraph 3 requiring a bond conditioned upon the performance of the duties described in Paragraphs 1 and 2. Therefore, the driller in question must, upon the request of the Commissioner, supply this bond and comply with all other regulations adopted pursuant to this section.

(2) It is true that this Act may not have retrospective effect, and acts done contrary to this Act prior to its enactment may not be set up to penalize the driller in question, but, upon the effective date of this Act, all drilling, whether it be new or a continuance of a project already started, is subject to the control of the Oil and Gas Conservation Act."

Portal Drilling Company
December 31, 1953
Page 2

Based on the interpretation of the Laws, Rules and Regulations as presented above, we will expect that you file a \$2500.00 bond with this office before any further action is undertaken in connection with your drilling operation.

Any future drilling operations by your Company before a bond is filed will be considered a violation and appropriate action will be initiated by the State Land Commissioner to correct such violation.

Very truly yours,

Roger Ernst,
State Land Commissioner

RE:mb
Registered mail.

0046363 W

May 19, 1953

Portal Drilling Company
416 E. 6th Street
Tucson, Arizona

Gentlemen:

In previous discussions with representatives of your Company you were advised that a surety bond in the amount of \$10,000 would be required to cover the drilling operations which you are conducting in Section 9, T. 16 S., R. 31 E. However, it has now been determined that a surety bond in the amount of \$2500 to cover a single well is all that is required. We are therefore enclosing for your use a form of said bond which it is requested that your officials arrange to have executed and returned to this office as soon as possible.

From information obtained it is believed that a bond for \$2500 may be secured whereas a bond in the amount of \$10,000 is unobtainable unless the driller or operator has a previous record of drilling of oil or gas wells covering a long period of time.

Before any further drilling operations or other work is carried out at the location heretofore referred to, it will be necessary that you submit this bond for \$2500. Otherwise, you would be subject to the penalties as set out in the Oil and Gas Conservation Act of 1951. Now that the amount of the bond has been reduced, this Department must insist upon full compliance with said law.

Very truly yours,

James R. Burger
Deputy State Land Commissioner

JRB:kb
encls
reg 32618

OP 46 363 10

RESIDENCE OFFICE
1448 N. 1ST AVENUE
TUCSON
TELEPHONE 2-4109

copy

AFFILIATED WITH
SAN SIMON PETROLEUM, INC.
FIELD OPERATIONS
SAN SIMON

ROLLO ELLIS
PETROLEUM GEOLOGICAL RESEARCH — STRUCTURAL MAPPING
AND EXPLORATION
ARIZONA

March 25th, 1953

Hon. Howard Pyle, Governor,
State Capital,
Phoenix, Arizona

Dear Governor Pyle:

In May 1948, C. T. Vanderpool and Ruth Cameron Berk of Tucson, and W. W. LaMance, an oil field worker of Odessa Texas, who was temporarily residing at San Simon; negotiated a contract with me for geological data that I had developed on the southern portion of the San Simon valley, Cochise County, Arizona. This contract among other things, provided that Vanderpool and Mrs. Berk were to supply twenty five thousand dollars in money for lease acquisitions and other expenses, in exchange for a substantial interest; and upon their insistence a substantial interest was set over to LaMance as advance payment for arranging an exploration contract with independent Texas oil operators, with whom he represented he possessed the requisite connections.

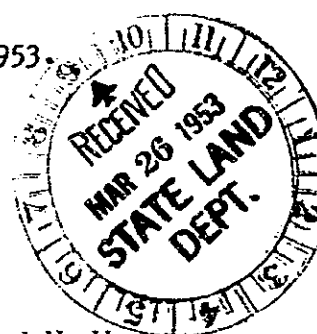
Within approximately thirty days after the execution of this initial contract in the form of a preorganization agreement, the total fund was made available, along with the names of seven additional Tucson citizens as subscribers and contributors of two thousand five hundred dollars each to this fund; all of whom were unknown to me. We established headquarters at Douglas, completed our lease application filings and acquisitions; incorporated San Simon Petroleum; held our organization meeting, and elected a board of directors of which I became President.

Soon thereafter I was to learn that I was associated with a rather strange group. That in order to negotiate the deal with me they had made numerous statements, and committed themselves to performances that they were unable to comply with, merely to get the deal going as one of them put it afterward, when confronted. In an effort to sustain their false position they organized a solid pressure group, employing tantamount to back bar room tactics, and set about frustrating my functions until they forced me to resign in self respect.

Within sixty days after they forced my resignation they commenced flying the white flag, and within six months they had managed to induce me to believe that they were rough shod and green, and as a result had been victims of bad advise; inducing me to open offices with them here in Tucson. I took a lease on my present address in June 1949, and shared my office with them for several months, until I became convinced that they were not so green with trick and device; hence I could not go along with them, and requested that they move their office.

During the ensuing elapsed time I have become fairly well informed as to the financial position of the incorporating subscribers of the San Simon pool, and it is my findings that of the nine subscribers, only three could have possibly had the funds available of their own with which to make their subscription; and even though they had possessed the total sum, their likelihood of making a subscription over two hundred and fifty dollars is most remote. Particularly in backing a man they had never met through a man that had never owned an oil lease or drilled an oil well.

It is a matter of public record that the Standard Oil Company of California, directly and indirectly; employing trick and device and unconstitutional court pro-



-2-

cedure, have appropriated or are striving to appropriate oil lands and leases in California to which I formerly held title, that have been variably estimated to have a value in recoverable oil and gas well over one hundred million dollars. That this corporation has been most consistent in coveting lands that I have selected as potential oil lands.

It is also generally known, and in many instances a matter of public record, that the Standard Oil Company of California, and its many sister corporations, do secretly initiate many exploratory oil tests by supplying a portion of the requisite funds through third party agents; which wells are drilled solely for information purposes with no intent of completing. The annual financial statement of this corporation in previous years has particularly stressed the small ratio of their royalty payments, and the extent of their fee ownership of rich oil lands, procured ahead of production. Only through the practice of trick exploratory methods is such possible.

It is my opinion that a competent State Grand Jury investigation will disclose that the Standard Oil Company of California or a substitute sister corporation did directly or indirectly supply most if not all of the initial San Simon Petroleum fund, and that they are the actual secret promoters and managers of the Portal Drilling Corporation, which has been in the process of drilling a test well for the past three years. That Vanderpool and his group are merely serving as their secret agents. That evidence will disclose that though several potential petroleum productive zones have been penetrated, that no effort was made to test them; but to the contrary were muddled off. That the Portal Corporations operations have been furthered under a Poor Boy status, while rejecting offers of reliable independent oil people to drill test for them or for San Simon Petroleum; and further refusing to permit any competent person's supervisions of said drilling operations, or to permit the well to be handled in a manner that would provide reliable information.

It is also my opinion that if such a Grand Jury was to examine into the sources of the finances supplied for the drilling of all other oil tests that have been drilled within the past five years in Arizona, that have not been drilled in the name of a Rockefeller corporation, that such would disclose that a secret control was in function in a similar manner over most if not all of said tests. That in this manner the State of Arizona is being deprived of its possible petroleum revenue, while matters nice and legal are being worked out to virtually delete Arizona of its rich petroleum resources.

May your interest in and responsibility to the State of Arizona justify your thorough examination into this matter.

Sincerely yours,

Rolls E. Elin

Copy:- Attorney General
Corporation Commission
Land Commissioner ✓
Arizona Educational Association
Press Release through Douglas Daily Dispatch

CP 46 363M

*Porter Drilling Co
Sec 9, T16S-R3E*

September 27, 1951

Mr. Frank D. Slyter
% Nu-Way Market
1114 North 1st Avenue
Tucson, Arizona

Dear Mr. Slyter:

Enclosed please find your copies of
the Monthly Report of Operations for June, July
and August, 1951.

Under the new law no monthly reports
will be necessary; however, this office would
very much appreciate your cooperation in keeping
it informed from time to time of your progress.

Very truly yours,

L. A. Heindl, Geologist
State Land Department

LAH:kh

Encls.

OP 46 36310

June 8, 1951

Mr. W. W. La Mance
416 East Sixth Street
Tucson, Arizona

Dear Mr. La Mance:

Mr. Hubert Weast, K-W Oil Company,
214 N. Central Street, Phoenix, Arizona,
has indicated the need of a cable rig
capable of going 3000'. This may be of
interest to you.

Very truly yours,

L. A. Heindl
Geologist

LAH/mw1

June 8, 1951

Mr. A. T. Jacobs
Portal Drilling Corporation
416 East Sixth Street
Tucson, Arizona

Dear Sir:

This will acknowledge receipt of the March,
April, and May, 1951 Monthly Reports of Operations
on your company's well.

Very truly yours,

L. A. Heindl
Geologist

LAH/mwl

OP 46 363 W

March 13, 1951

Mr. W. W. Lallance
Portal Drilling Corporation
116 East 6th Street
Tucson, Arizona

Dear Mr. Lallance:

Enclosed please find your copy of the February
monthly report of operations.

Very truly yours,

L. A. Haindl
Geologist

LAH:kb
encl.

OP 46 363 10-



TELEPHONE 3-0492

PORTAL DRILLING CORPORATION
416 EAST SIXTH STREET
TUCSON, ARIZONA

March 6, 1951



FIELD OPERATIONS
SAN SIMON, ARIZONA

RECEIVED
MAR 7 1951

STATE LAND DEPT.
OF ARIZONA

Mr. W. W. Lane
State Land Commissioner
Capitol Annex
Phoenix, Arizona

Dear Mr. Lane:

Will you please send us a listing of the existing
samples from exploratory wells drilled in Arizona, as mentioned
in your form letter dated February 8, 1951.

Thank you.

Yours very truly,

PORTAL DRILLING CORPORATION

Abe T. Jacob

Abe T. Jacob,
Secretary-Treasurer.

ATJ:lm

Listing sent 3/7/51
Bem

CP 46 36310

February 20, 1951

Mr. W. W. Lallance
Portal Drilling Corporation
116 East Sixth Street
Tucson, Arizona

Dear Mr. Lallance:

Enclosed please find your copy of the January, 1951
monthly report of operations.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb
encl.

OP 46 363 IV

January 18, 1951

Mr. W. W. Lallance
Portal Drilling Corporation
116 E. 6th Street
Tucson, Arizona

Dear Mr. Lallance:

This will acknowledge receipt of your monthly
report of operations for December, 1950, a copy
of which is enclosed for your files.

Very truly yours,

L. A. Heindl
Geologist

LAL:kb
encl.

OP 46 363 N

January 18, 1951

Mr. W. W. La Mance,
Portal Drilling Corporation,
1448 North 1st Avenue,
Tucson, Arizona.

Dear Mr. La Mance:

The State Land Department has prepared the enclosed recapitulation of exploratory drilling in Arizona during the years 1949 and 1950.

This information is prepared from what is considered reliable sources, but we would appreciate your bringing any errors to our attention.

Very truly yours,

L. A. Heindl,
Geologist

LAH/lec
Encl.

OP 46 363 N-

December 12, 1950

Mr. Abe T. Jacob
Portal Drilling Corporation
116 East 6th Street
Tucson, Arizona

Dear Mr. Jacob:

Enclosed please find your copies of the October
and November reports of operations.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb
encls.

OP 46 363 10-



TELEPHONE 3-0492

PORTAL DRILLING CORPORATION

416 EAST SIXTH STREET
TUCSON, ARIZONA

December 2, 1950



FIELD OPERATIONS
SAN SIMON, ARIZONA

Mr. L. A. Heindl, Geologist
State Land Department
Capitol Annex
Phoenix, Arizona

Dear Mr. Heindl:

Enclosed is our monthly report for the month of
November.

Will you please send us a supply of Form O. G. 7 3,
for our use in future monthly reports?

Yours very truly,

PORTAL DRILLING CORPORATION

W. W. LaMance

W. W. LaMance,
Vice President & Gen. Mgr.

WWL:lm
Encl.

*Send these
& give monthly
reports to Benson
for filing*

OP 46 363 10

September 19, 1950

Mr. W. W. Lallance
Portal Drilling Corporation
1148 N. 1st Avenue
Tucson, Arizona

Dear Mr. Lallance:

We are enclosing your copies of the Portal Drilling
Corporation's monthly reports of operations for July
and August.

Very truly yours,

L. A. Heindl
Geologist

LAL:kb
encls.

OP 46363 N

June 21, 1950

Mr. W. W. Lallance
Portal Drilling Corp.
1118 N. 1st Avenue
Tucson, Arizona

Dear Mr. Lallance:

As of July 1, 1950 the State Land Department will require monthly reports of operations of oil and gas drilling activities in compliance with Section 6 of the operating regulations governing oil and gas drilling permits in the State of Arizona.

The form of the report will be Form O. & G. No. 3, Lessee's Monthly Report of Operations, copies of which are enclosed. Only one copy ^{two copies} will be required by this office, printed notice on the form to the contrary. The report is required for each calendar month and is due the 6th of the succeeding month. Section 6 states, "The report * * * constitutes a general summary of the status of operations on the property, and whatever such status may be, the report must be submitted each month until the permit or lease is terminated."

Specifically, the following items of information will be entered:

- 1) Total depth.
- 2) Shutdowns, length of and reasons for.
- 3) Tests, type of and dates.
- 4) Any other noteworthy information regarding operation.

The first report is due August 6, 1950 covering operations from July 1st to 31st, 1950.

An acknowledgment of this letter is requested.

Your cooperation in this matter will be appreciated.

Very truly yours,

W. W. Lane
State Land Commissioner

WWL:LAHskb
encls.

1448 N. 1ST AVE
PHONE 3-0492

AFFILIATED WITH
SAN SIMON PETROLEUM, INC.

ROLLO ELLIS

PETROLEUM GEOLOGICAL RESEARCH AND STRUCTURAL MAPPING

SAN SIMON -- TUCSON
ARIZONA

June, 1949

San Simon Petroleum, Inc.

GEOLOGICAL SUMMARY

We present herewith a set of drawings to illustrate the structural geology and petroleum potential of the central portion of the San Simon Valley Basin. The Blue Mountain section has been substituted for section A--B, as it is a detail of the upfault block that constitutes the eastern flank of the Chiricahua Mountains which form the western rim of the valley. Here some 4,500 feet of the upper rock strata of the basin structures are exposed for minute examination.

This Blue Mountain section is representative of the basin rim between Marble Canyon and fault, and the Cave Creek Canyon and fault. A massive Blue-Grey shale which I have classified as Lower Miocene age, that is highly impregnated with lime, has withstood erosion and caps these low mountain along the rim. It also constitutes the Cap Rock for the 1st potential oil zone (Temblor) which lies almost immediately underneath, that has an overall thickness of some 600 feet.

The Daisy Thayer well, drilled at the outskirts of the town of San Simon, to a depth of 4,107 feet, standing suspended with full equipment over the hole; topped this Blue-Grey shale at approximately 2,800 feet and penetrated it 1,300 feet, definitely establishing the fact that the beds exposed in the rim upfault block do underlie the basin. The Daisy Thayer well is situated at a topographic location in the artesian water belt in the center of the valley, at an elevation of 3,600 feet, which is 900 feet lower than the valley floor immediately east of the Bowie Upthrust fault. Immediately west of the Bowie fault in the upthrust block, the beds dip approximately 45 degrees southwest into the mountains. Here the mountain caps of the Blue-Grey shale lie above 6,000 feet, approximately 5,200 feet above where it was topped in the Daisy Thayer, as illustrated in cross section C---D. The general stratigraphy and characteristics of the Miocene and Oligocene section here exposed are almost identical to the like section that is so highly productive in Kettleman Hills, and other structures of California.

This type of a structure is regarded as a class A structure. In the older oil producing states they were located early in the petroleum exploration of such states, and drilled, and are the class of structures that have proven so highly productive. If any of these Class A type structures, have ever failed to yield petroleum in large volume, when adequately drilled, such knowledge has never come to my attention.

The top of the 1st (Temblor sands) potential petroleum zone should be encountered at approximately 3,400 feet on the structural highs indicated on my map. Upward of ten potentially productive sands should be encountered with 7,000 feet of drilling, which we have grouped into four potential zones, with an overall pay potential of approximately 1,000 feet. For more detail information on the overall geology of the basin I refer you to my report.

Rollo Ellis